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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/650112
		Filing Date	August 26, 2003
		First Named Inventor	Sanford D. Markowitz
		Art Unit	1642
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1	Attorney Docket Number	CWRU-P01-044

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Combined Declaration; Submission of Formal Drawings; Copy of documents associated with the electronic filing of Sequence Listing
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	ROPS & GRAY LLP John D. Quisel - 47,874
Signature	
Date	February 10, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 2/10/04

Signature: (Joanne Ryan)



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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 611.00)

Complete if Known	
Application Number	10/650112
Filing Date	August 26, 2003
First Named Inventor	Sanford D. Markowitz
Examiner Name	Not Yet Assigned
Art Unit	1642
Attorney Docket No.	CWRU-P01-044

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number 18-1945

Deposit Account Name Ropes & Gray LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 120.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	27	-27** = 7 x 9.00	= 63.00
Independent Claims	4	-3** = 1 x 43	= 43.00
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Description
1202	18	2202 9 Claims in excess of 20
1201	86	2201 43 Independent claims in excess of 3
1203	290	2203 145 Multiple dependent claim, if not paid
1204	86	2204 43 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 106.00)

**or number previously paid, if greater; For Reissues, see above

(Complete if applicable)					
Name (Print/Type)	John D. Quisel	Registration No. (Attorney/Agent)	47,874	Telephone	(617) 951-7685
Signature				Date	February 9, 2004

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Dated: 2/10/04 Signature: (Joanne Ryan)

UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPTFEB 12 2004
JC56
Electronic Version
Stylesheet Version v1.1.1

Title of Invention

METHODS FOR TREATING PATIENTS AND IDENTIFYING THERAPEUTICS

Submission Type: BIO Sequence Filing

Application Number: 10/650112

10/650112

EFS ID: 55017

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	5888
ISY55	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.

First Named Applicant: Sanford Markowitz

Attorney Docket Number: CWRU-P01-044

Timestamp: 2004-02-06 15:29:51 EDT

From: US

File Listing:

Doc. Name	File Name	Size (Bytes)
us-bio-seq-trans	CWRUP01044-usbios.xml	552
us-bio-seq-trans	us-bio-seq-trans.dtd	2905
us-bio-seq-trans	us-bio-seq-trans.xsl	6567
sequence-listing	CWRUP01044-usbios-S00001.txt	116180
package-data	CWRUP01044-pkda.xml	2182
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		174674

Message Digest: a4eeba7eaf45afb486242a122b784d3196bbba19

Digital Certificate Holder
Name: cn=Yu Lu,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL

Electronic Version

Stylesheet Version v1.1.0

Title of Invention	METHODS FOR TREATING PATIENTS AND IDENTIFYING THERAPEUTICS
Application Number:	10/650112 *10/650112*
Date:	2003-08-26
First Named Applicant:	Sanford D. Markowitz
Confirmation Number:	5888
Attorney Docket Number:	CWRU-P01-044

I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted by:	Elec. Sign.
John D. Quisel Registered Number: 47,874	/jdq/

AMINO ACID AND/OR NUCLEOTIDE SEQUENCE LISTING SUBMISSION

Electronic Version v13

Stylesheet Version v01

FEB 12 2004

PARENTAL COPY SUBMITTED

This is a request for filing an electronic Computer Readable Form copy of a sequence listing via the Electronic Filing System for a patent application under 37 CFR 1.821–1.825 instead of via one of the physical media specified in 37 CFR 1.824(c).

This communication has an attached file which is an electronic copy of the amino acid and/or nucleotide sequence listing for the previously mentioned United States patent application.

The electronic copy submitted herewith is the Computer Readable Form (CRF), as required by 1.821(e).

Any applicable fees associated with the filing of the electronic copy have been paid.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter). It may be in addition to an original CRF, filed to comply with the sequence rules:

This submission in electronic form comprises only the CRF of 37 CFR 1.821(e). I acknowledge that I am responsible for all additional requirements of amino acid and/or nucleotide sequence listing submissions as specified in 37 CFR 1.821 – 1.825.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter), and/or is in addition to an original CRF filed to comply with the sequence rules. If not made to comply with an originally filed CRF, it is identical to the sequences disclosed in the application as originally filed and/or the paper copy of the sequence listing as originally filed.

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office on the following date: 2004-02-06

Name: Mr. John D. Quisel

Electronic Signature Mark: /jdq/

Attachment description:

CRF File Sequence

Compression software used:

Documents being submitted	Files
us-bio-seq-trans	CWRUP01044-usbios.xml
	us-bio-seq-trans.dtd
	us-bio-seq-trans.xsl
sequence-listing	CWRUP01044-usbios-S000001.txt

Comments

IPDAS Version 3.2.1, Validation Version 1.1.1.2, Submission Version 1.1.0.5